

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011020AR\
 Data File : FD031983.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jan 2020 9:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:07:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.635	2361904	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
6) S 2-Fluorobiphenyl (SURR)	8.495	1625577	20.856 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.530	2485449	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	2469717	21.806 ug/ml
2) T Naphthalene (C11.7)	5.976	2604713	21.414 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2609109	21.303 ug/ml
5) T Acenaphthylene (C15.06)	8.299	2478261	20.705 ug/ml
7) T Acenaphthene (C15.5)	8.594	2581868	20.878 ug/ml
8) T Flouorene (C16.55)	9.373	2563436	20.524 ug/ml
9) T Phenanthrene (C19.36)	10.766	2549854	20.197 ug/ml
10) T Anthracene (C19.43)	10.840	2427124	19.386 ug/ml
12) T Fluoranthene (C21.85)	12.574	2527124	19.745 ug/ml
13) T Pyrene (C20.8)	12.871	2498170	19.849 ug/ml
14) T Benzo[a]anthracene (C...	14.738	2341848	19.178 ug/ml
15) T Chrysene (C27.41)	14.780	2357333	19.156 ug/ml
16) T benzo[b]fluoranthene ...	16.284	2295469	19.010 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	2288974	18.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	2254548	18.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	2202443	19.170 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	2235654	19.118 ug/ml
21) T Benzo[g,h,i]perylene ...	18.279	2200954	19.317 ug/ml

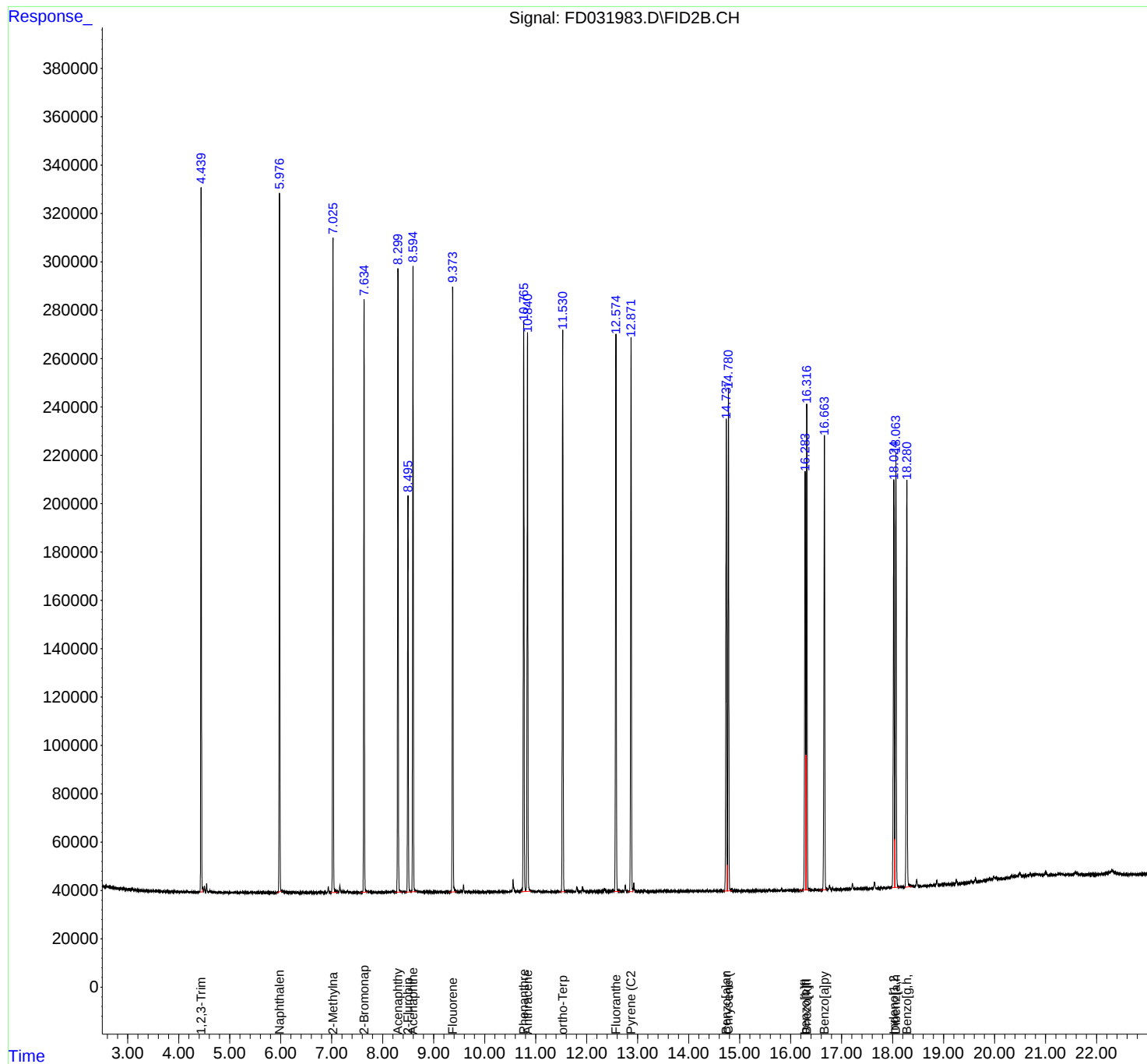
(f)=RT Delta > 1/2 Window

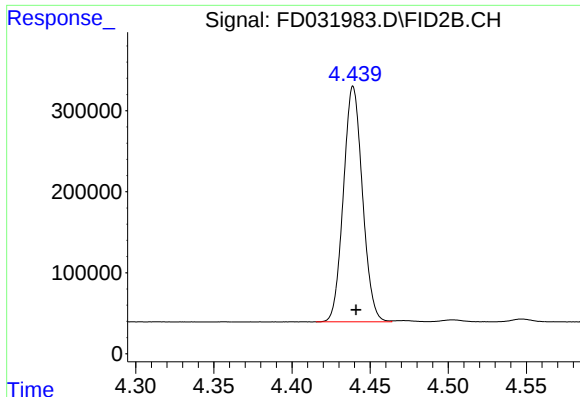
(m)=manual int.

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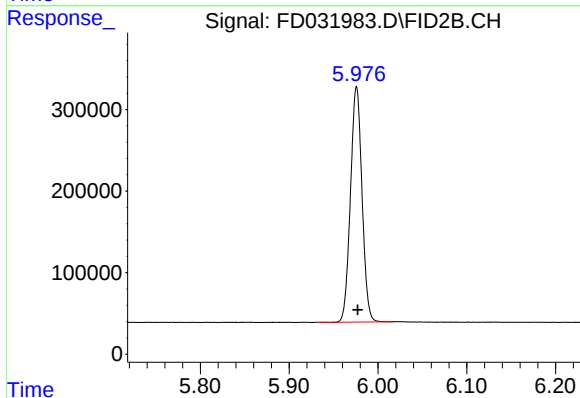
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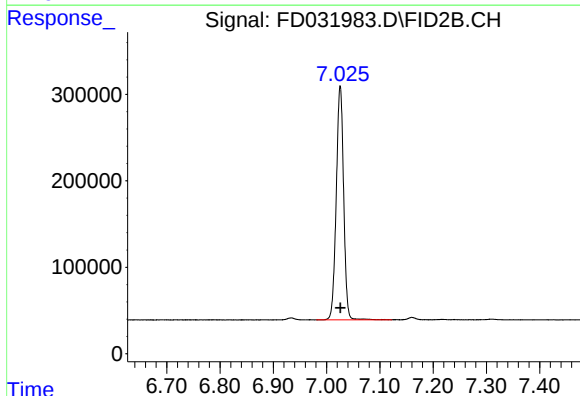
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2469717
Conc: 21.81 ug/ml



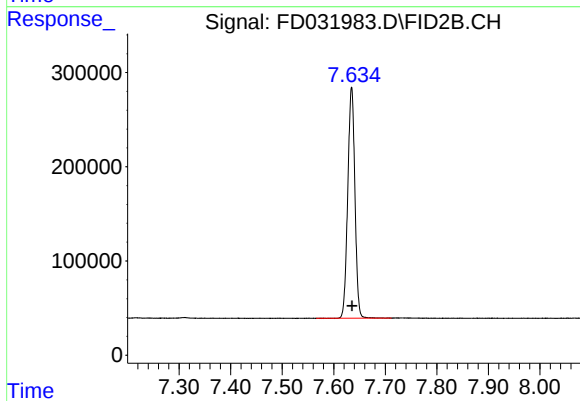
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 2604713
Conc: 21.41 ug/ml



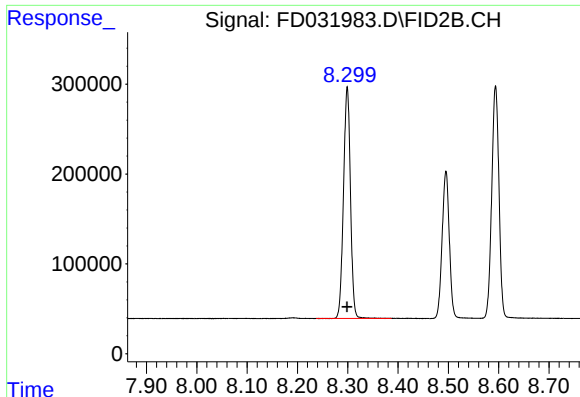
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2609109
Conc: 21.30 ug/ml



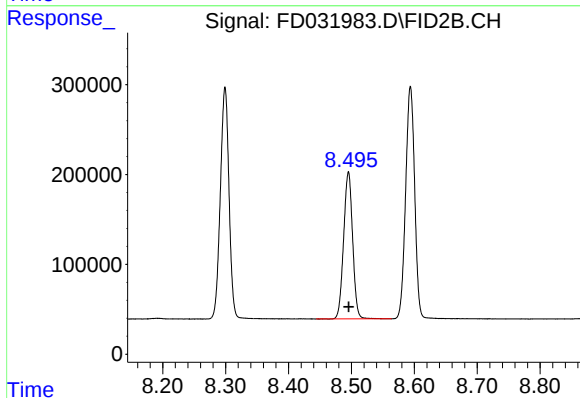
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2361904
Conc: 21.01 ug/ml



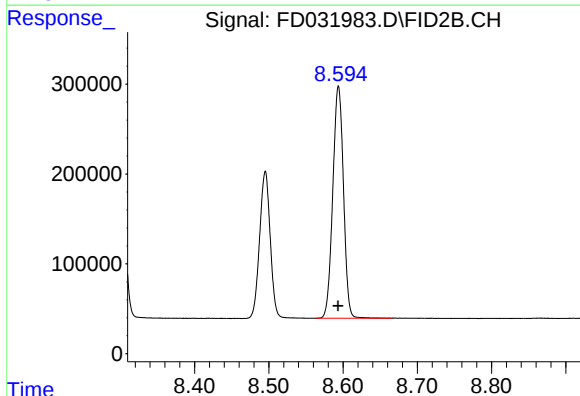
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2478261
Conc: 20.70 ug/ml



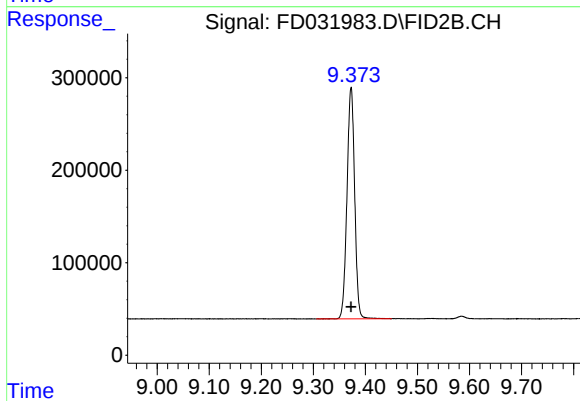
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1625577
Conc: 20.86 ug/ml



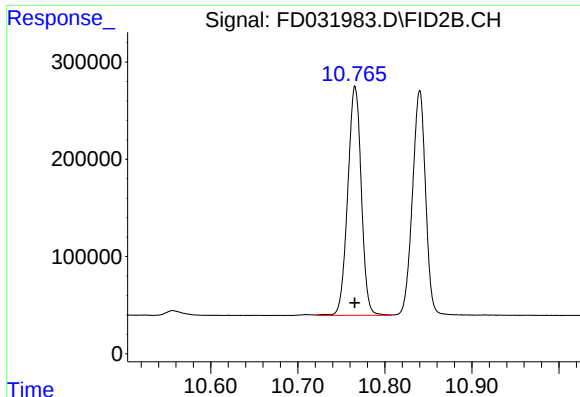
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 2581868
Conc: 20.88 ug/ml



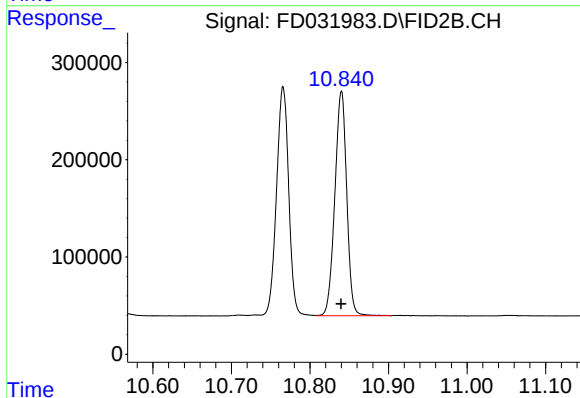
#8 Fluorene (C16.55)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 2563436
Conc: 20.52 ug/ml



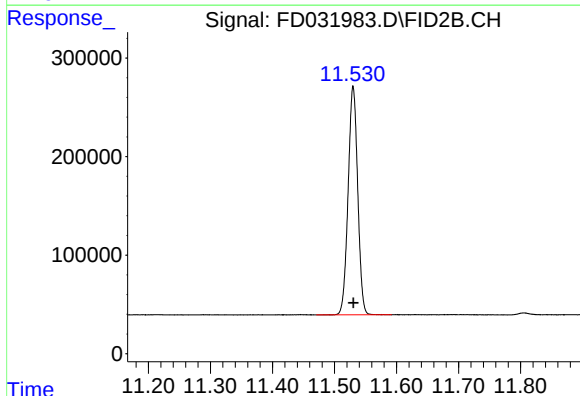
#9 Phenanthrene (C19.36)

R.T.: 10.766 min
Delta R.T.: 0.000 min
Response: 2549854
Conc: 20.20 ug/ml



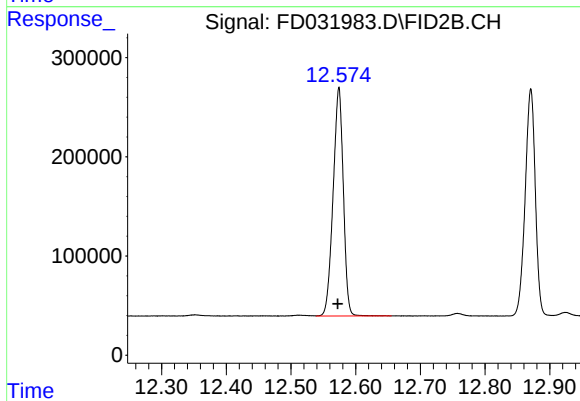
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 2427124
Conc: 19.39 ug/ml



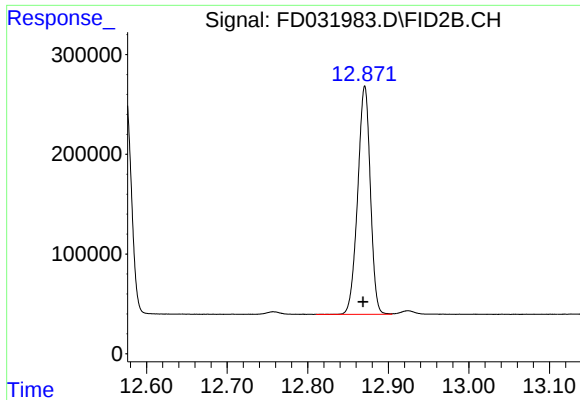
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2485449
Conc: 20.03 ug/ml



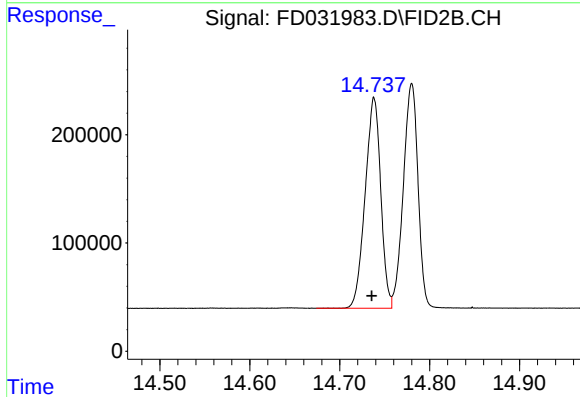
#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: 0.002 min
Response: 2527124
Conc: 19.74 ug/ml



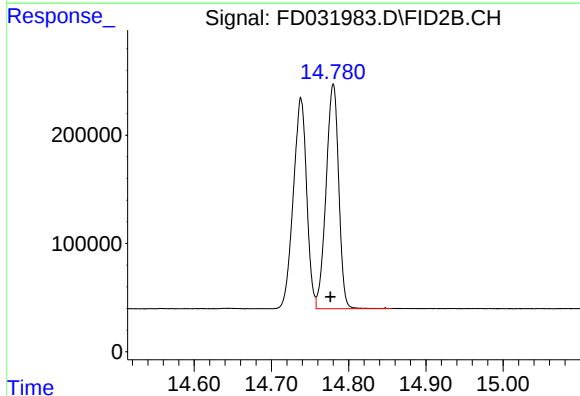
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 2498170
Conc: 19.85 ug/ml



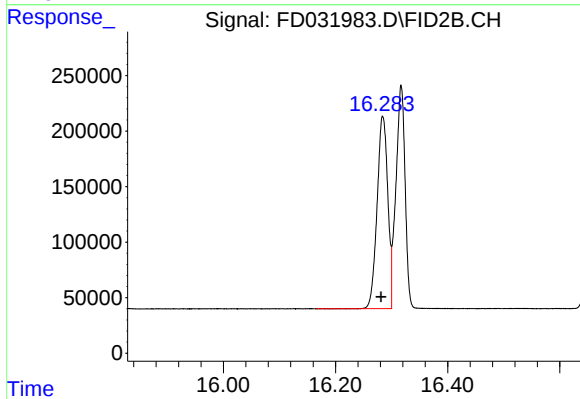
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: 0.003 min
Response: 2341848
Conc: 19.18 ug/ml



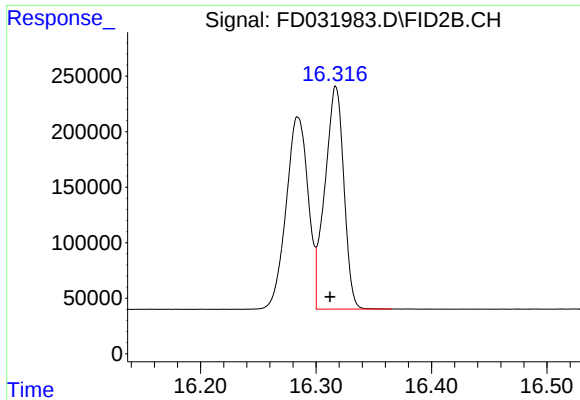
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.004 min
Response: 2357333
Conc: 19.16 ug/ml



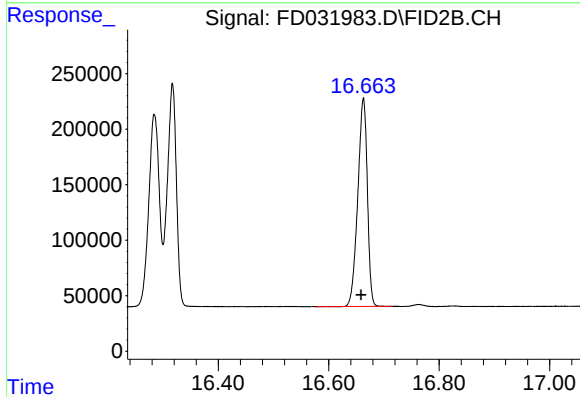
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.284 min
Delta R.T.: 0.003 min
Response: 2295469
Conc: 19.01 ug/ml



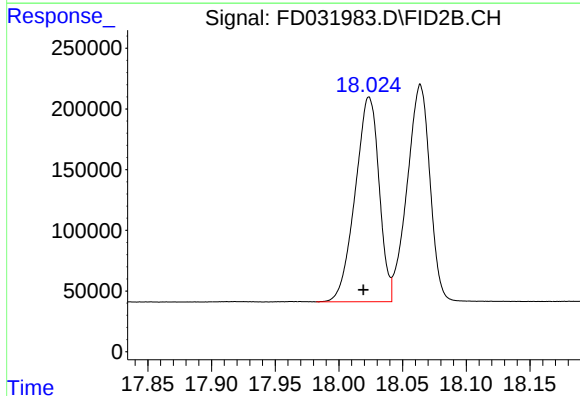
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: 0.005 min
Response: 2288974
Conc: 18.92 ug/ml



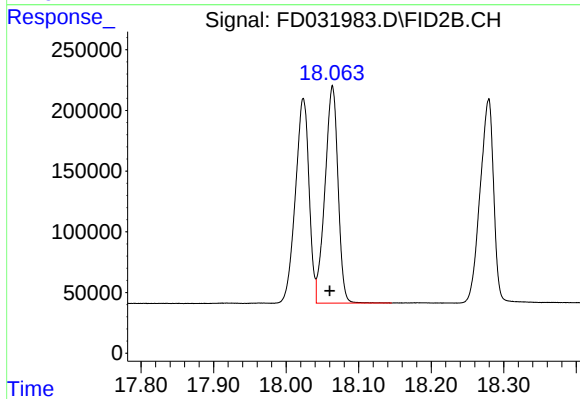
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: 0.004 min
Response: 2254548
Conc: 18.87 ug/ml



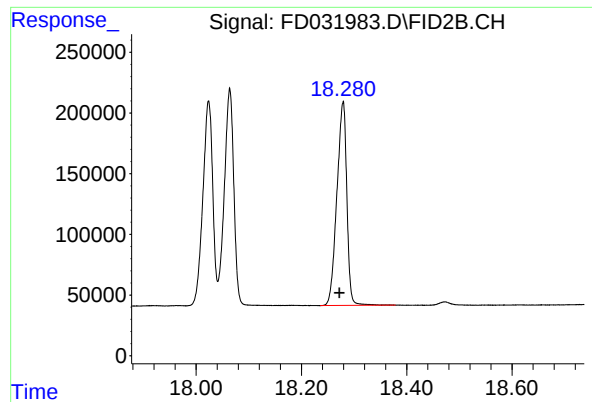
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: 0.005 min
Response: 2202443
Conc: 19.17 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.064 min
Delta R.T.: 0.004 min
Response: 2235654
Conc: 19.12 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.279 min
Delta R.T.: 0.007 min
Response: 2200954
Conc: 19.32 ug/ml